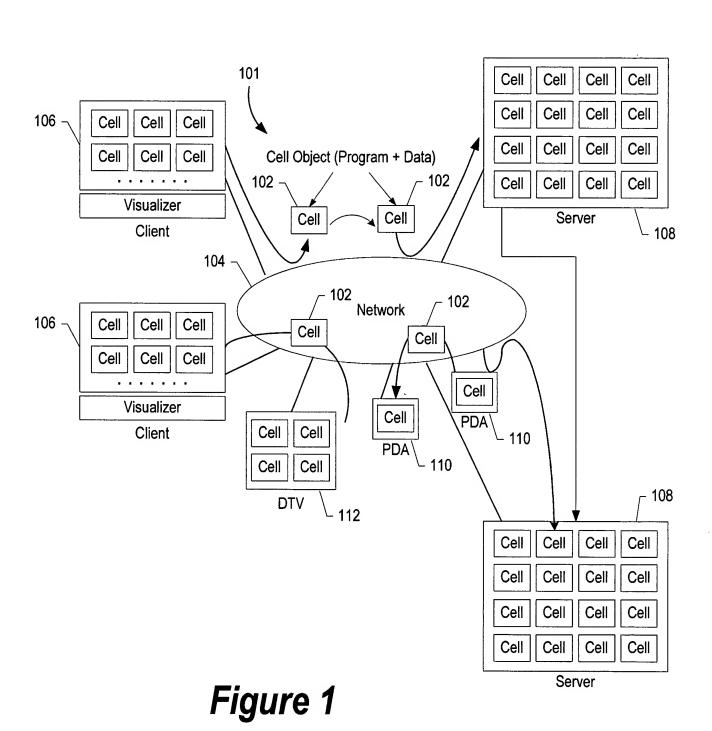
Docket No. AUS920030704US1 Aguilar, tal.

System and Meth df r Encrypting Data Using a Plurality f Pr cess rs



Docket No. AUS920030704US1
Aguilar, et al.
System and Meth d f r Encrypting Data Using a Plurality of Pr c ssors

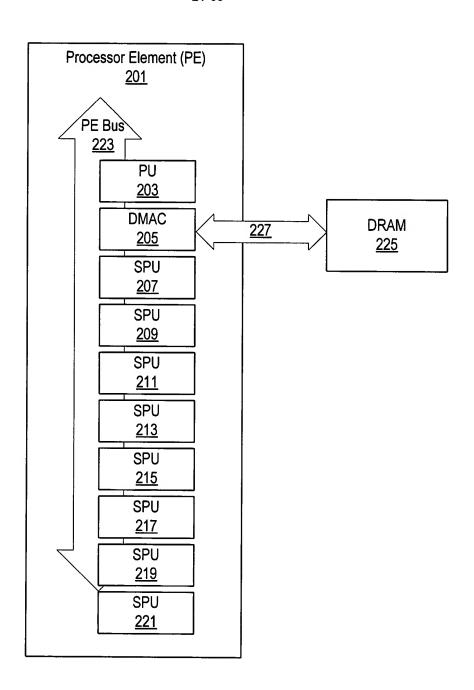


Figure 2

D cket No. AUS920030704US1
Aguilar, tal.
Syst m and Meth d f r Encrypting Data Using a Plurality of Pr c ssors

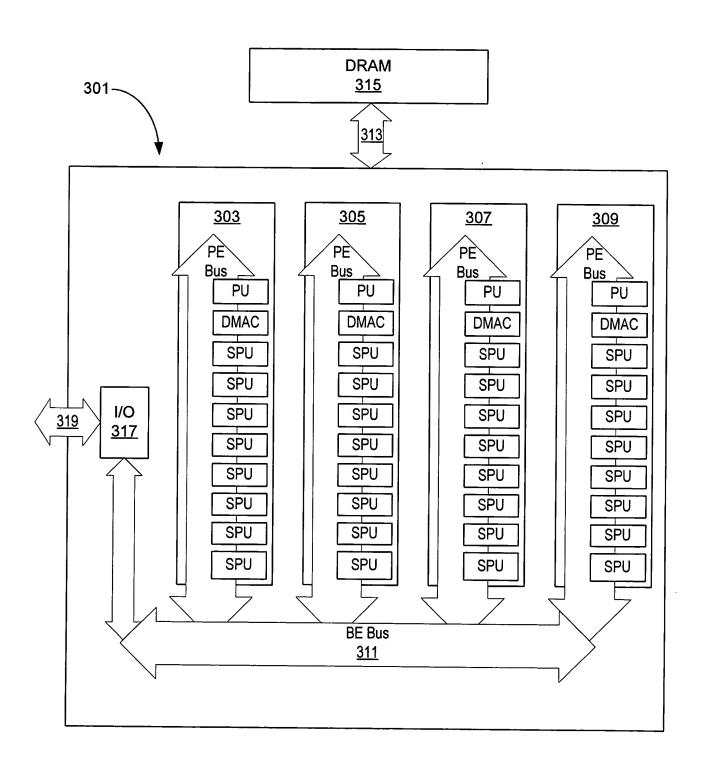


Figure 3

D cket No. AUS920030704US1
Aguilar, et al.
Syst m and M thod f r Encrypting Data Using a Plurality of Pr cess rs

404 Local Memory 408 Register 410 Integer Unit 414

Figure 4

418

D ck t No. AUS920030704US1

Aguilar, t al.

Syst m and M thod for Encrypting Data Using a Plurality f Proc ss rs

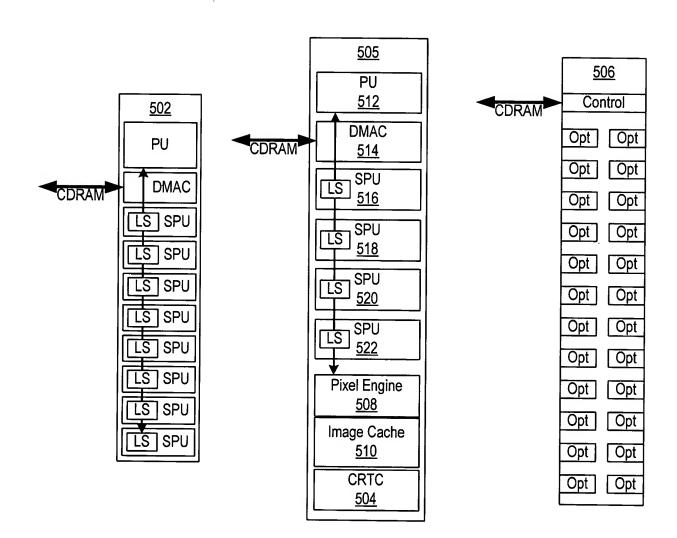
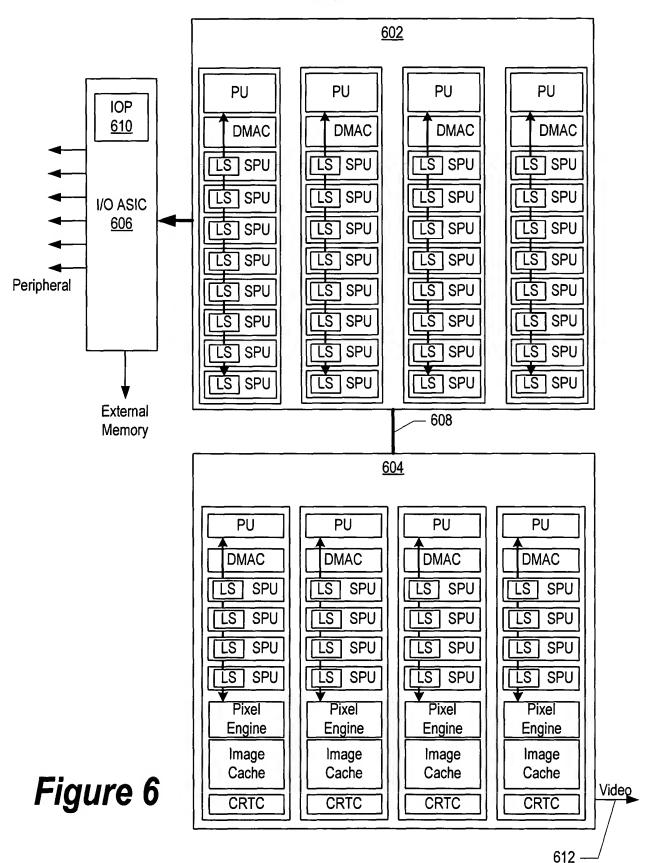
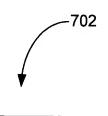


Figure 5

Docket No. AUS920030704US1 Aguilar, t al. System and Method for Encrypting Data Using a Plurality of Processors



D cket No. AUS920030704US1 Aguilar, tal. System and Method f r Encrypting Data Using a Plurality f Proc ss rs



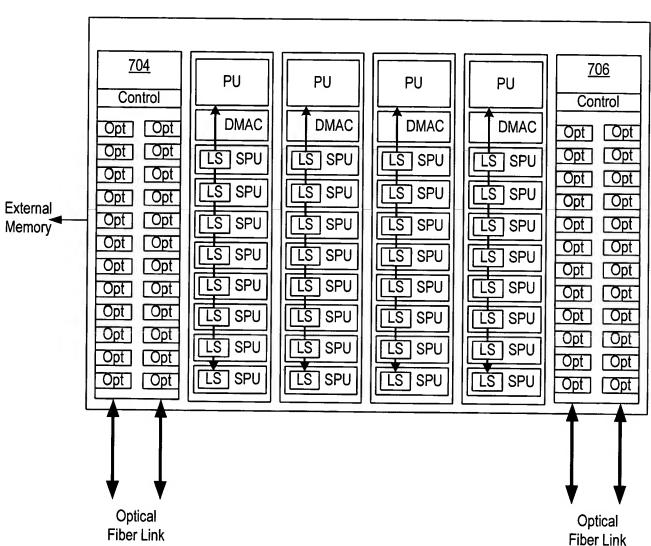


Figure 7

Docket No. AUS920030704US1

Aguilar, tal.

System and Method f r Encrypting Data Using a Plurality f Pr cess rs

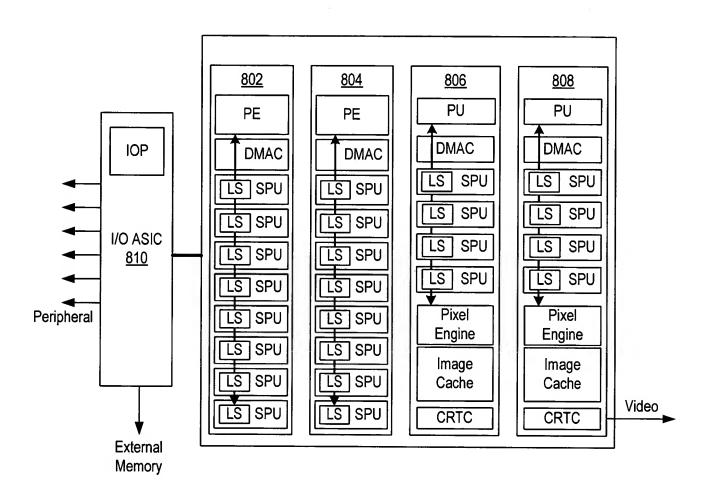


Figure 8

Fil: 3056.VSD Docket No. AUS920030704US1

Aguilar, et al.

System and Meth df r Encrypting Data Using a Plurality f Pr c ssors

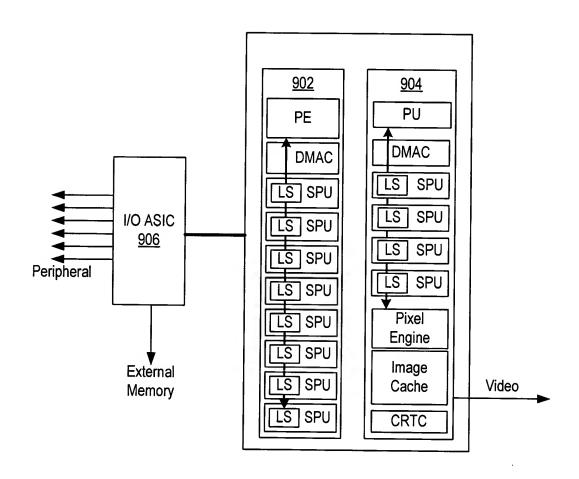


Figure 9

Dock t No. AUS920030704US1

Aguilar, t al.

System and M th d for Encrypting Data Using a Plurality f Pr c ss rs

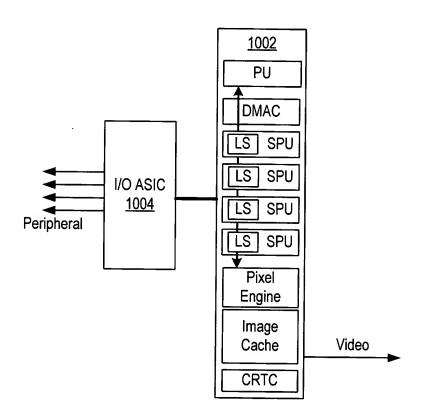
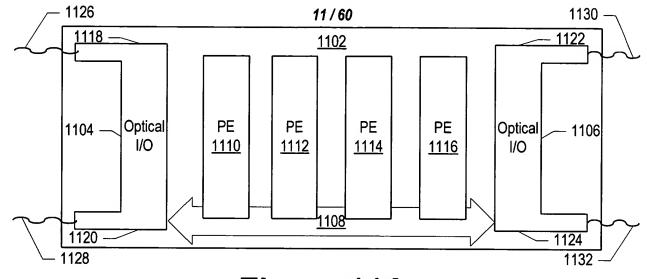


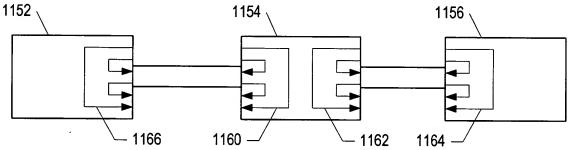
Figure 10

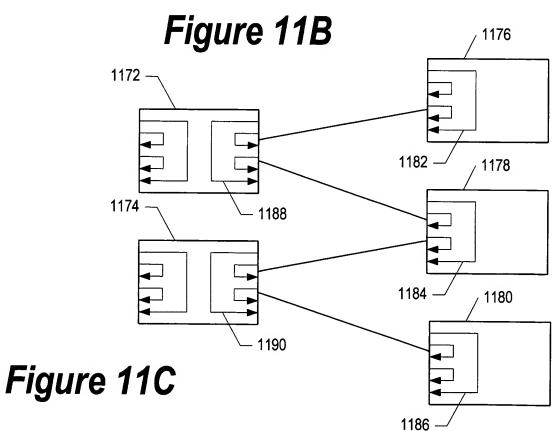
Docket No. AUS920030704US1
Aguilar, t al.

Syst m and M thod f r Encrypting Data Using a Plurality of Pr cess rs

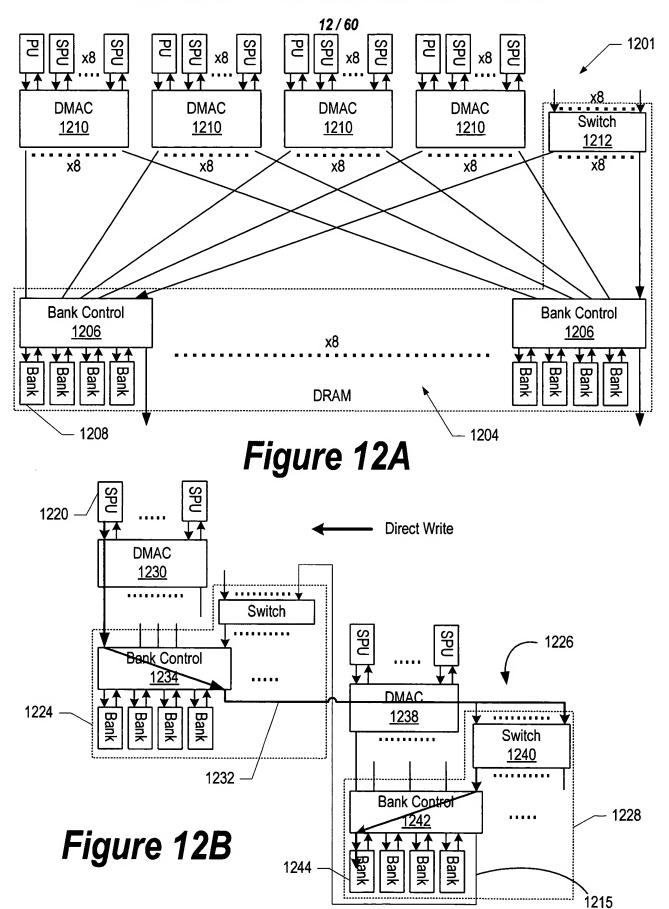








Dock t N . AUS920030704US1
Aguilar, tal.
Syst m and M th d for Encrypting Data Using a Plurality f Pr c ss rs



Dock t N . AUS920030704US1

Aguilar, tal.

System and M th d f r Encrypting Data Using a Plurality f Pr cess rs

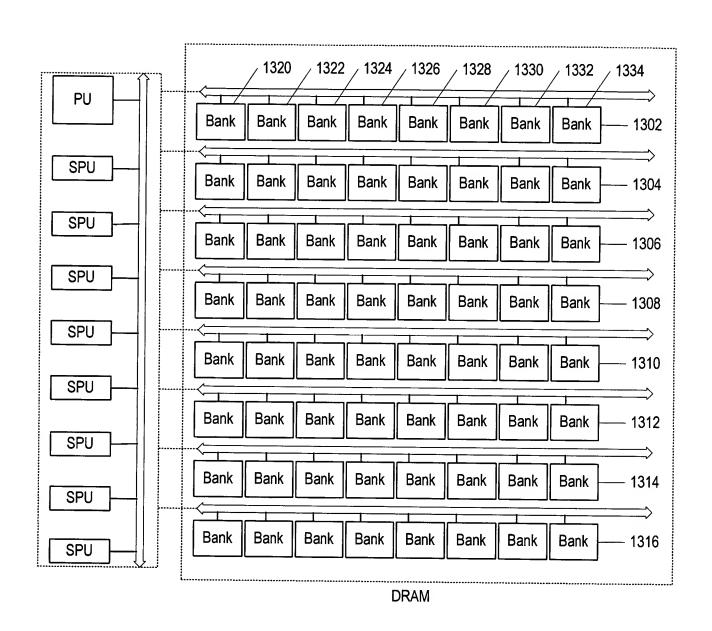


Figure 13

Docket N . AUS920030704US1

Aguilar, et al.

System and Meth df r Encrypting Data Using a Plurality f Pr c ss rs

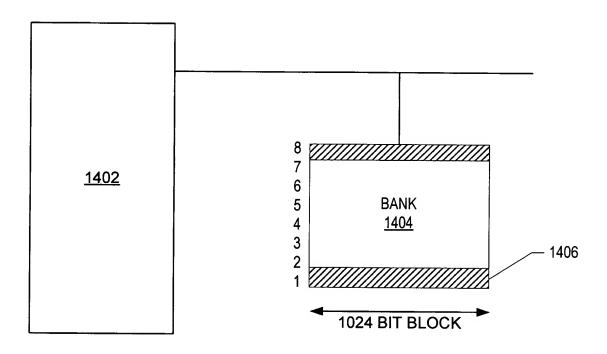


Figure 14A

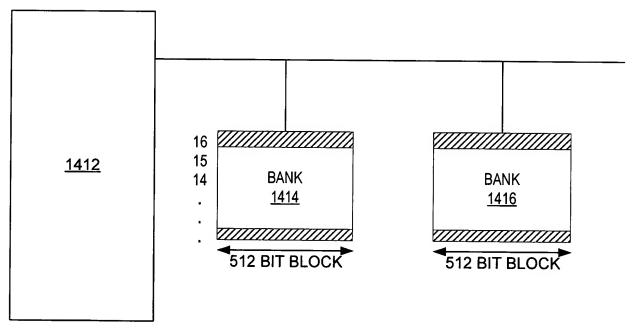


Figure 14B

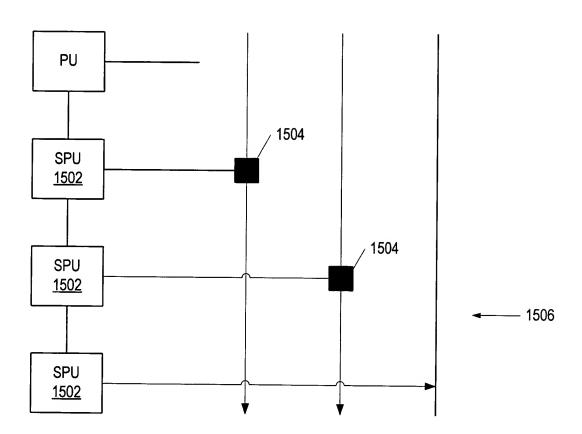


Figure 15

Docket No. AUS920030704US1
Aguilar, et al.
Syst m and Meth d for Encrypting Data Using a Plurality f Pr cessors

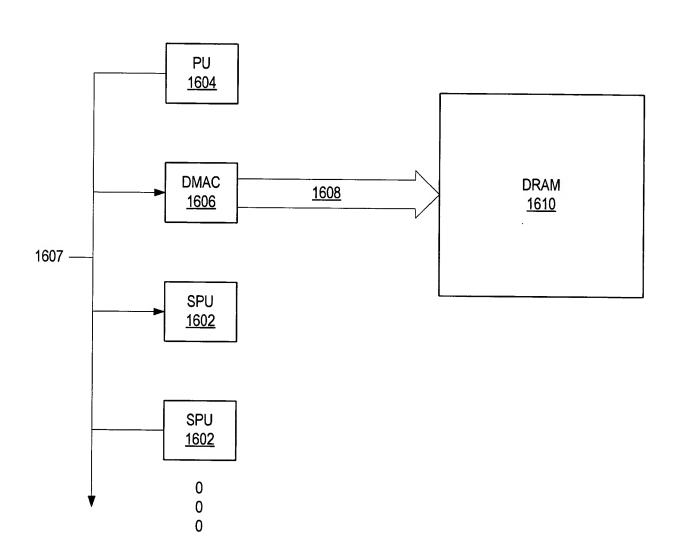
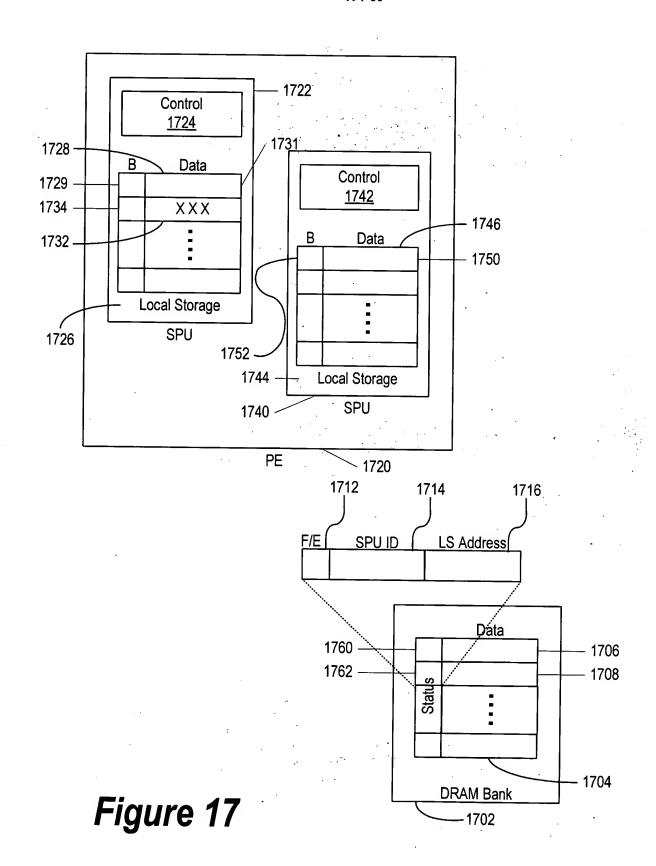


Figure 16

D cket No. AUS920030704US1

Aguilar, et al.

System and Meth d for Encrypting Data Using a Plurality f Process rs



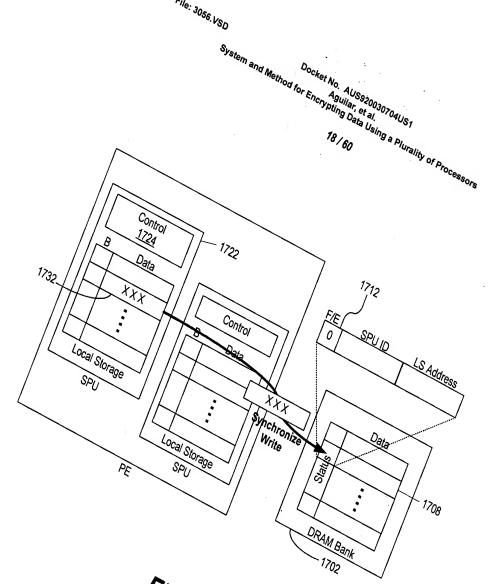


Figure 18

Dock t N . AUS920030704ÚS1
Aguilar, et al.
System and M thod f r Encrypting Data Using a Plurality f Pr c ss rs

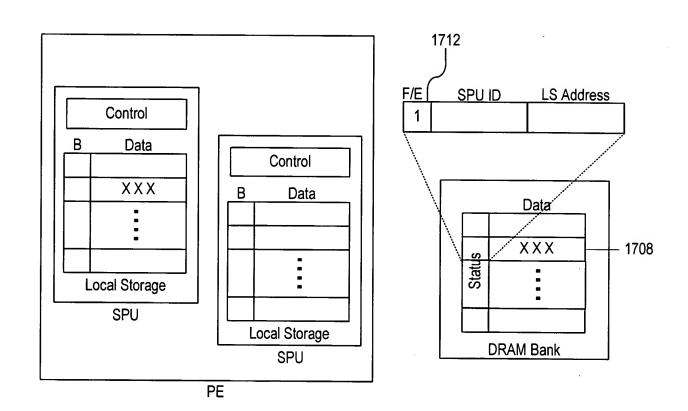
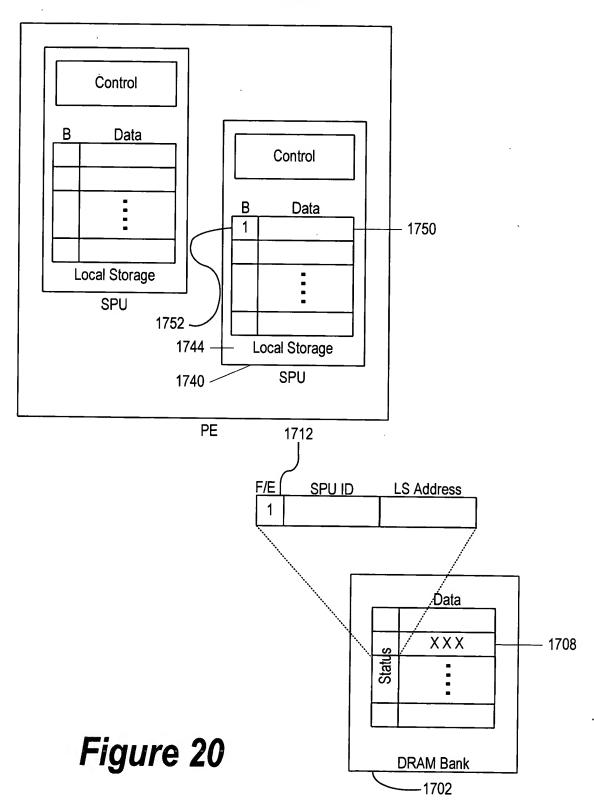


Figure 19

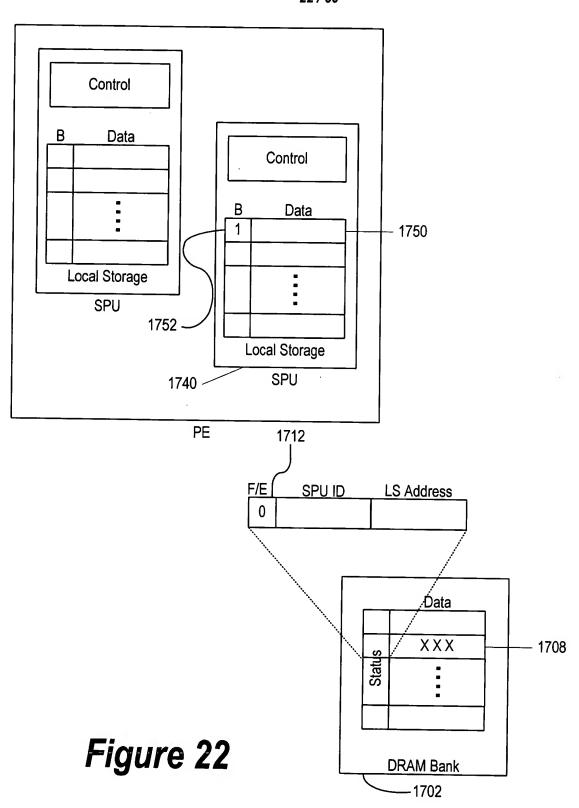
Docket No. AUS920030704US1
Aguilar, et al.
Syst m and Meth df r Encrypting Data Using a Plurality f Pr c ssors

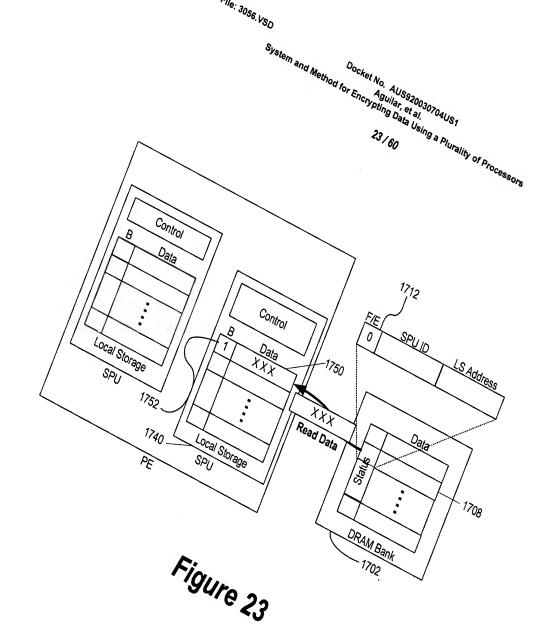


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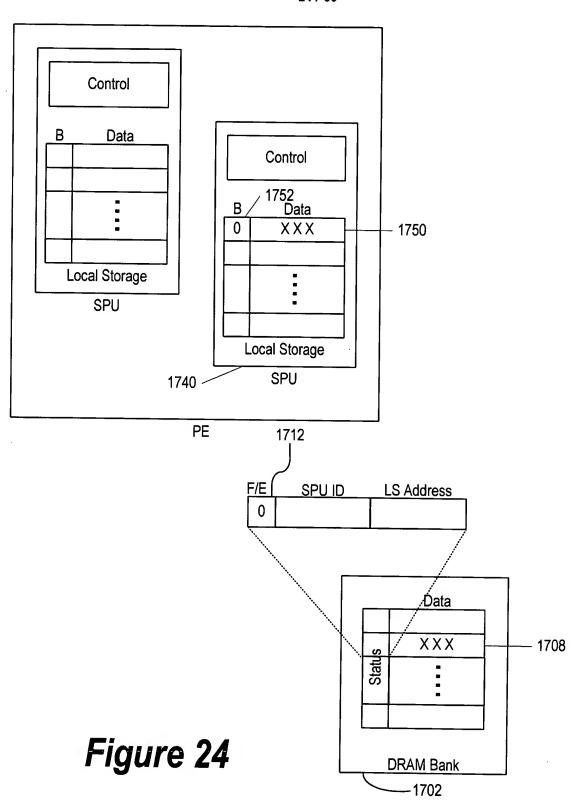
Figure 21

Docket No. AUS920030704US1
Aguilar, et al.
System and Meth d for Encrypting Data Using a Plurality f Process rs

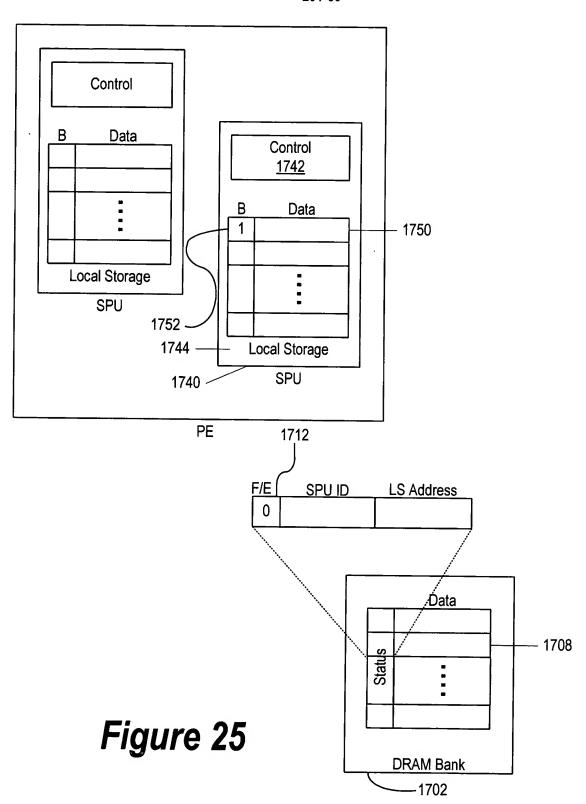




Docket No. AUS920030704US1 Aguilar, tal. System and M thod f r Encrypting Data Using a Plurality f Pr c ss rs



Docket No. AUS920030704US1
Aguilar, et al.
Syst m and Method f r Encrypting Data Using a Plurality f Proc ss rs



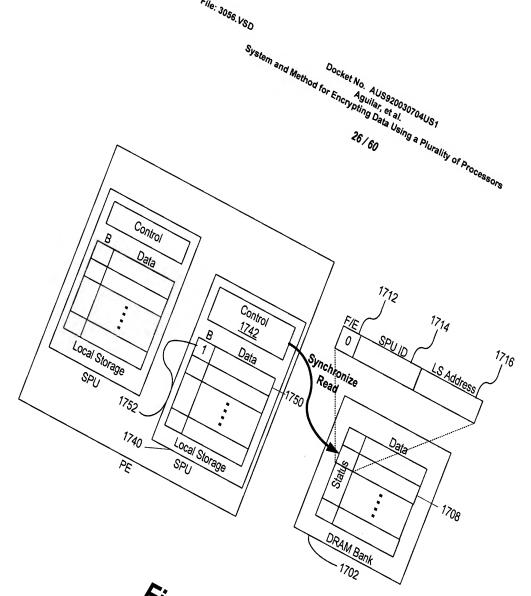


Figure 26

^{File}: 3056._{VSD}

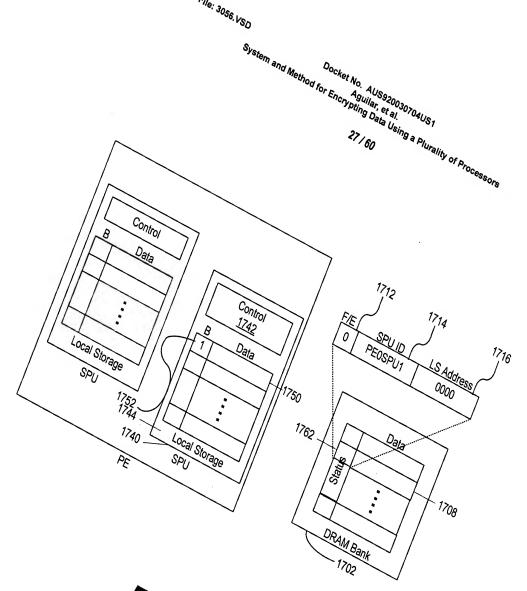


Figure 27

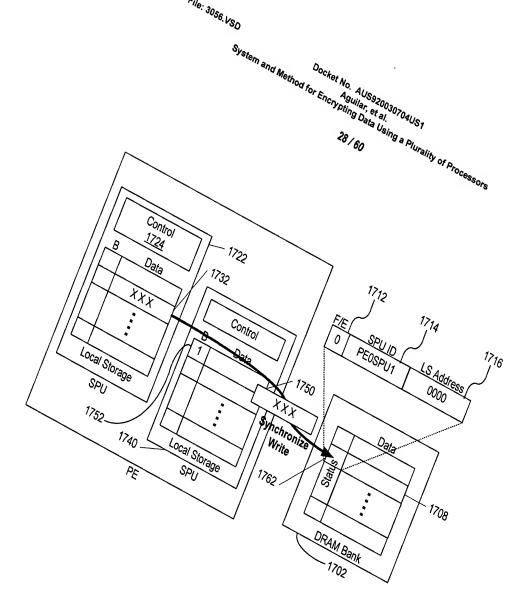


Figure 28

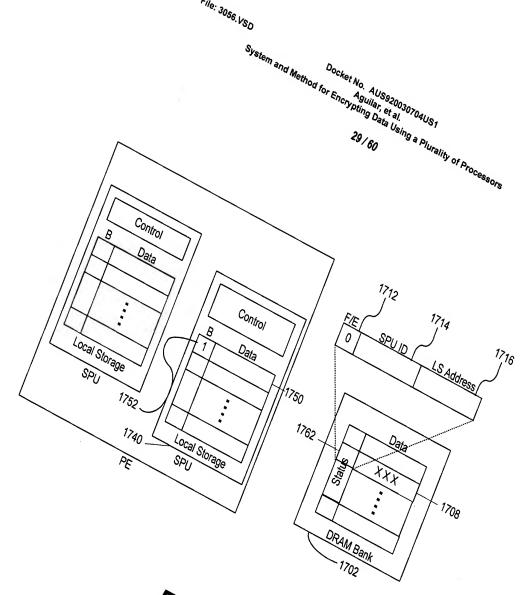


Figure 29

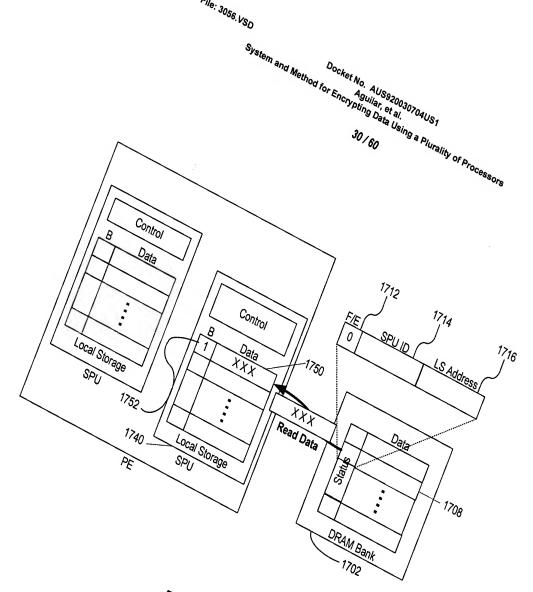


Figure 30

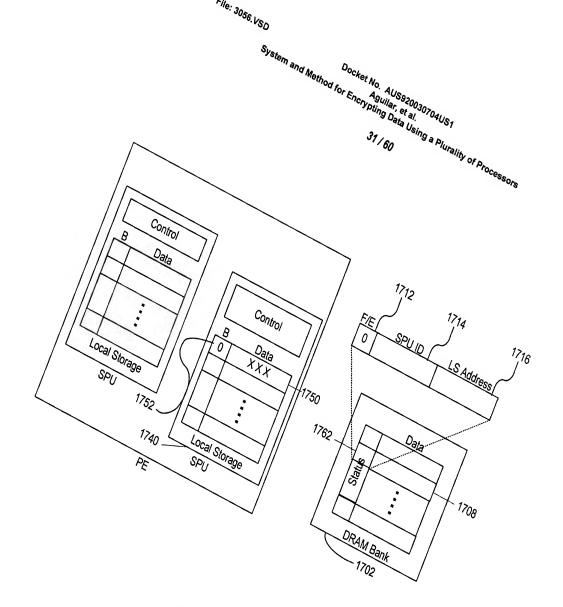


Figure 31

File: 3056.VSD Dock t No. AUS920030704US1

Aguilar, t al.

System and Meth d f r Encrypting Data Using a Plurality f Pr cess rs

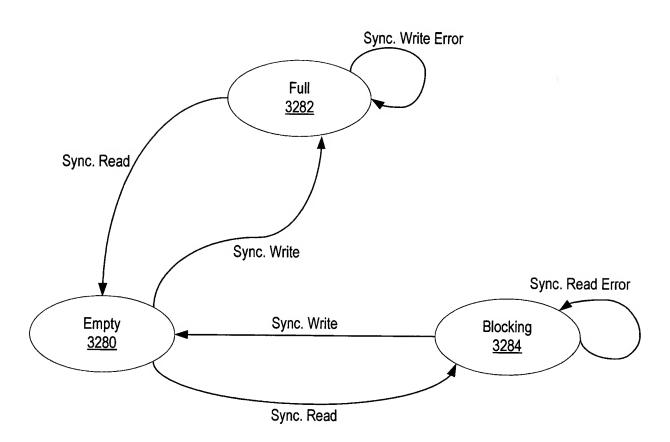


Figure 32

Docket No. AUS920030704US1 Aguilar, t al.

System and M thod for Encrypting Data Using a Plurality f Proc ssors

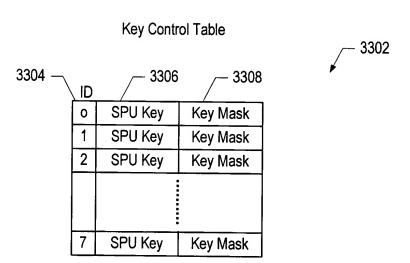


Figure 33

Docket N . AUS920030704US1 Aguilar, et al. System and Method for Encrypting Data Using a Plurality of Processors

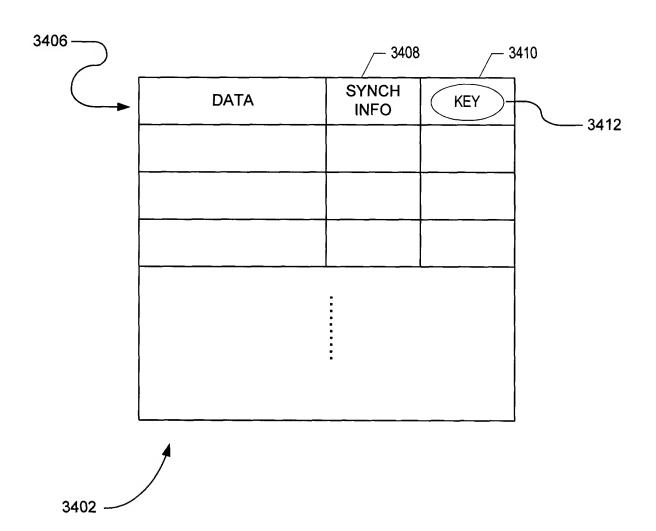


Figure 34

Docket No. AUS920030704US1 Aguilar, t al.

Syst m and Meth d f r Encrypting Data Using a Plurality of Proc ss rs

35/60

Memory Access Control Table

3504 —	\ ID	3506		3508 3510	3512
	0	Base	Size	Access Key	Access Key Mask
;	1	Base	Size	Access Key	Access Key Mask
	2	Base	Size	Access Key	Access Key Mask
	63	Poor	0:		
	03	Base	Size	Access Key	Access Key Mask



Figure 35

D cket No. AUS920030704US1

Aguilar, tal.

System and Meth df r Encrypting Data Using a Plurality of Pr cessors

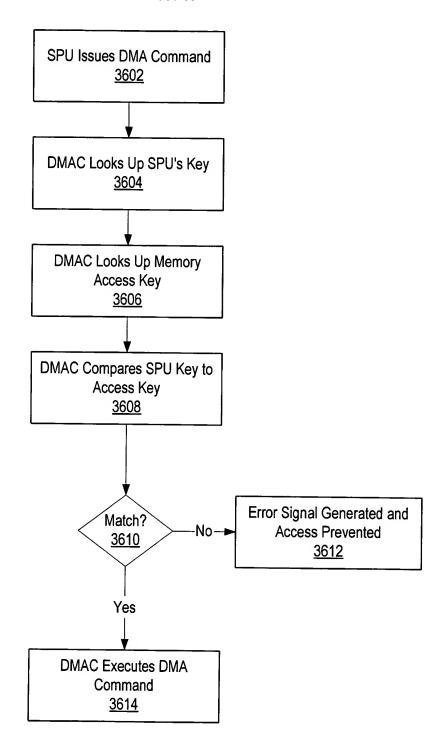


Figure 36

Docket N . AUS920030704US1

Aguilar, tal.

System and Meth df r Encrypting Data Using a Plurality f Pr cess rs

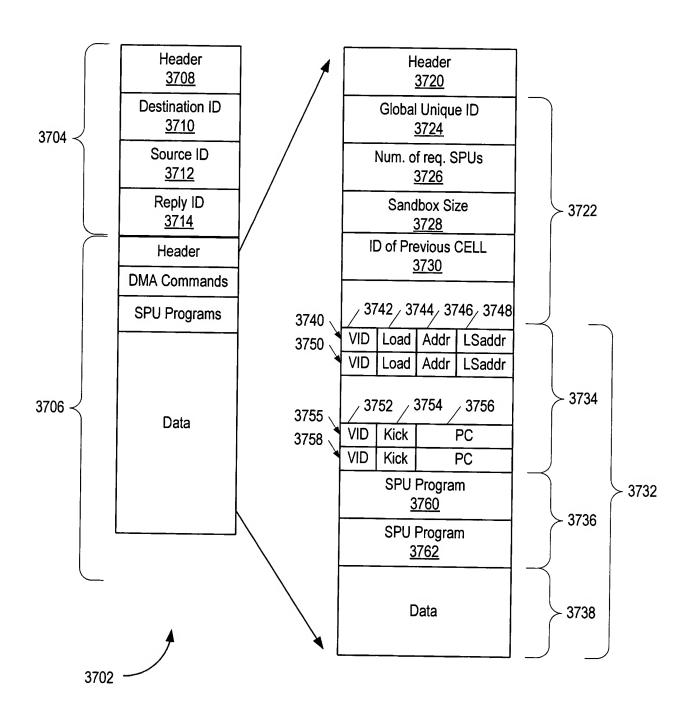


Figure 37

Docket No. AUS920030704US1
Aguilar, tal.
Syst m and Method for Encrypting Data Using a Plurality f Pr cess rs

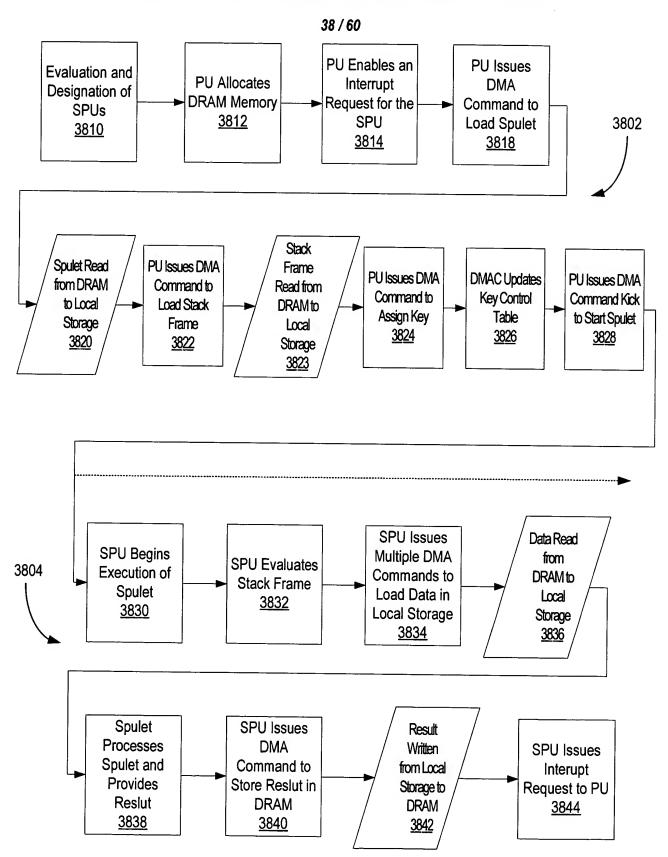
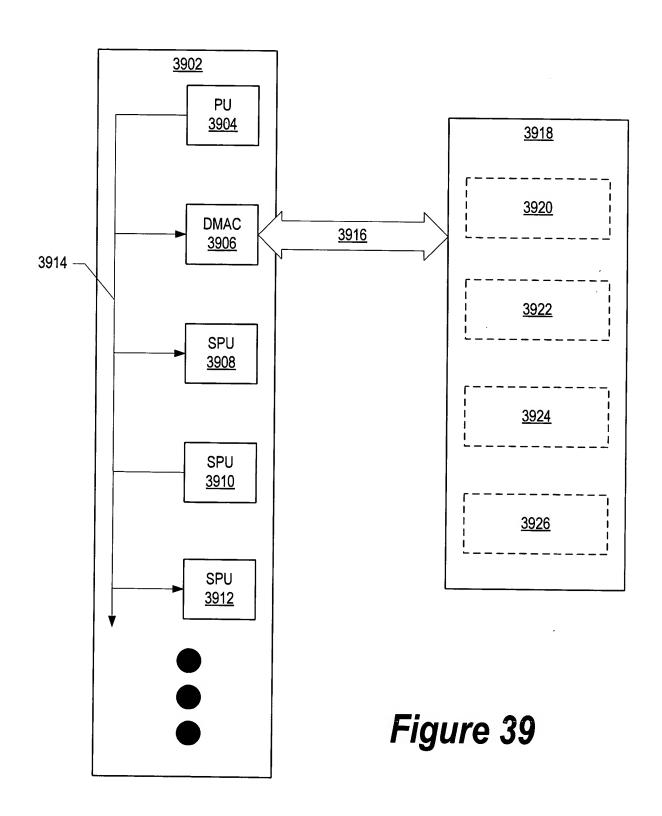


Figure 38

Docket No. AUS920030704US1

Aguilar, tal.

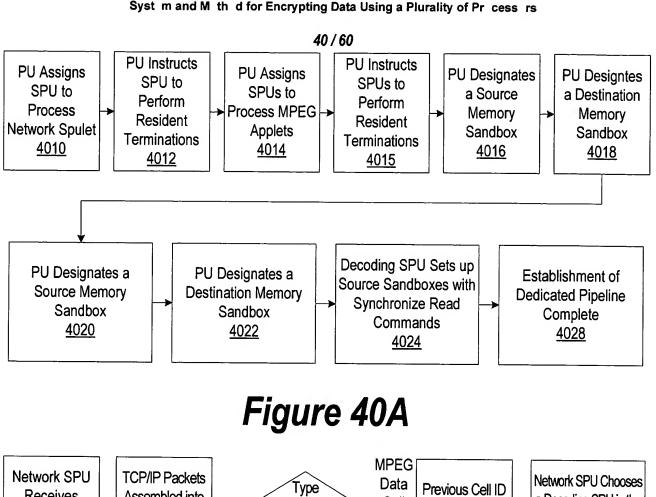
System and Meth df r Encrypting Data Using a Plurality f Pr c ss rs



Docket No. AUS920030704US1

Aguilar, et al.

Syst m and M th d for Encrypting Data Using a Plurality of Pr cess rs



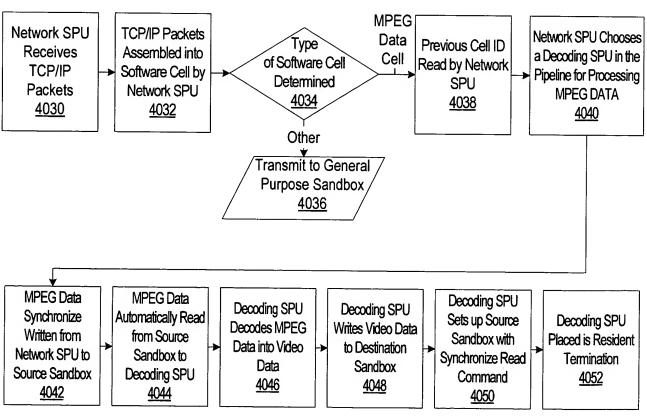


Figure 40B

Docket N . AUS920030704US1

Aguilar, et al.

Syst m and Meth d for Encrypting Data Using a Plurality f Proc ss rs

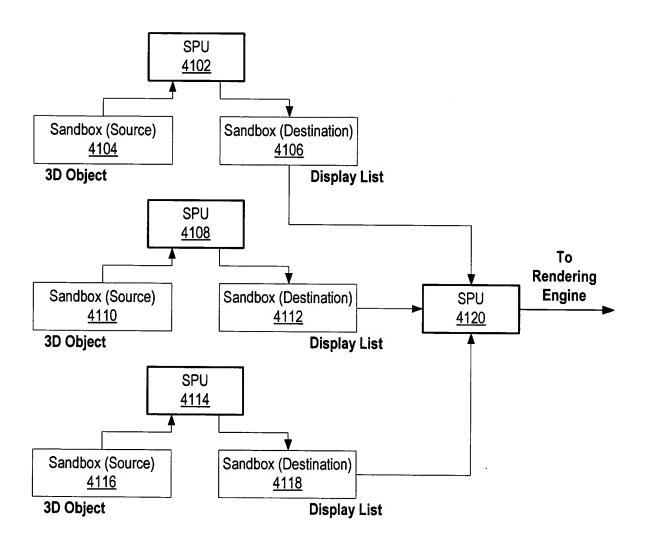


Figure 41

File: 3056.VSD D cket No. AUS920030704US1

Aguilar, tal.

Syst m and Meth d f r Encrypting Data Using a Plurality f Pr c ss rs

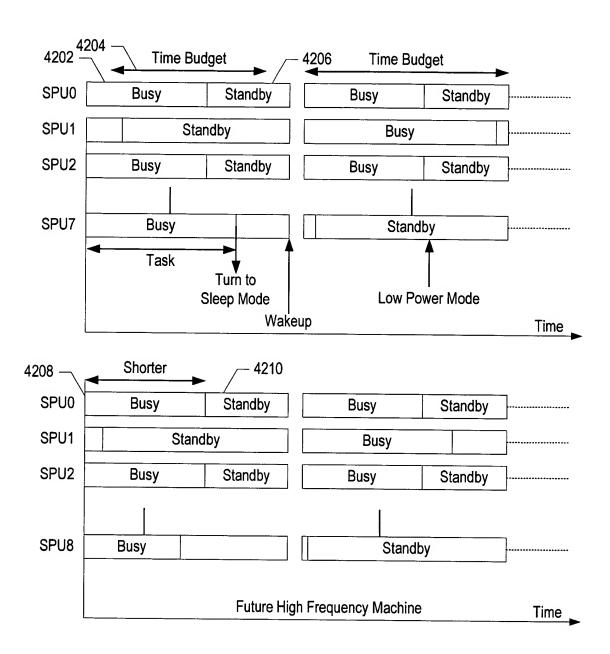
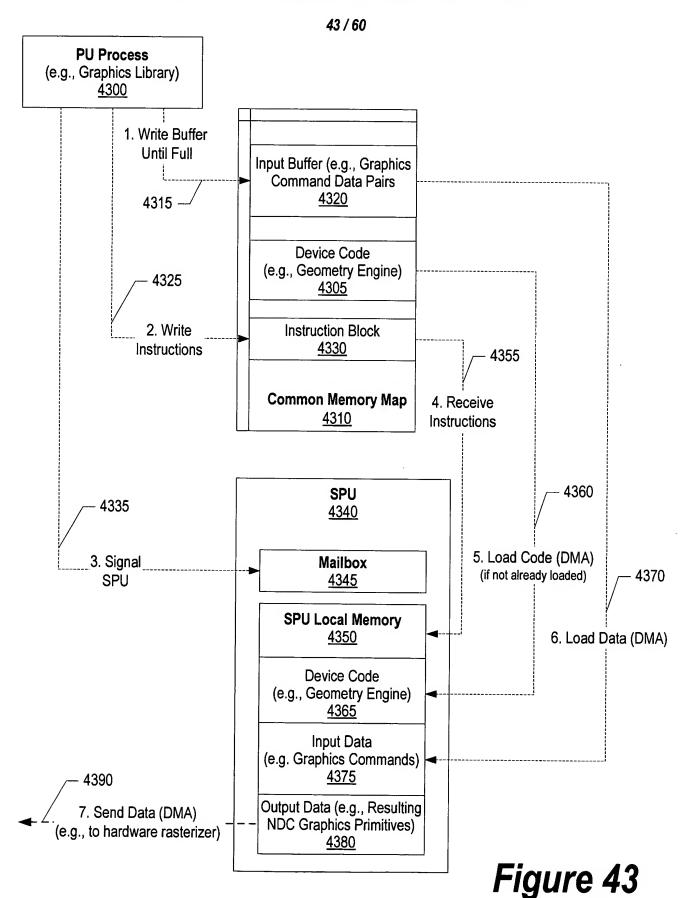


Figure 42

Docket No. AUS920030704US1 Aguilar, tal. System and M thod for Encrypting Data Using a Plurality f Pr cess rs



Docket No. AUS920030704US1 Aguilar, et al. System and Meth d for Encrypting Data Using a Plurality of Pr cessors

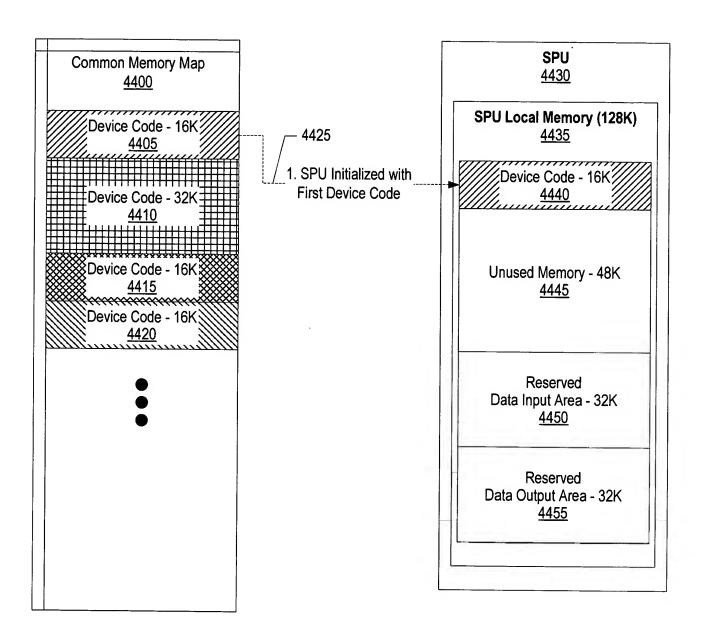


Figure 44

Dock t N . AUS920030704US1 Aguilar, et al. Syst m and Meth d f r Encrypting Data Using a Plurality f Proc ssors

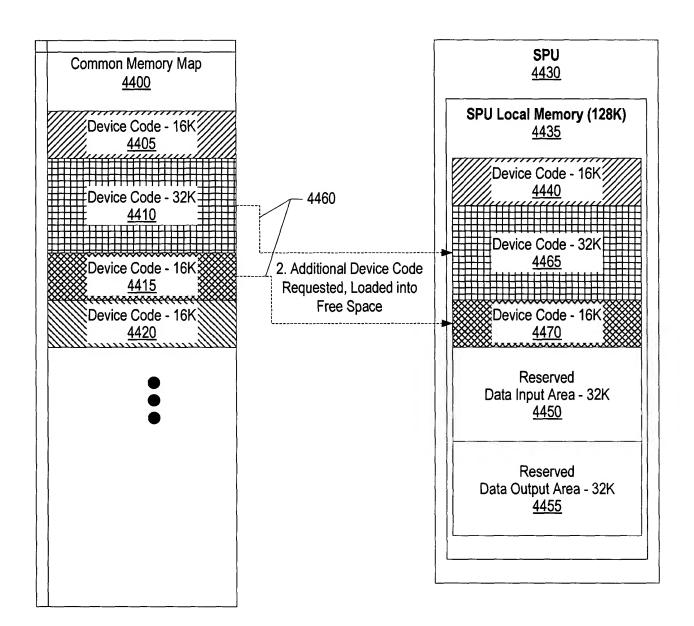


Figure 45

Dock t No. AUS920030704US1 Aguilar, et al. Syst m and Method f r Encrypting Data Using a Plurality f Proc ss rs

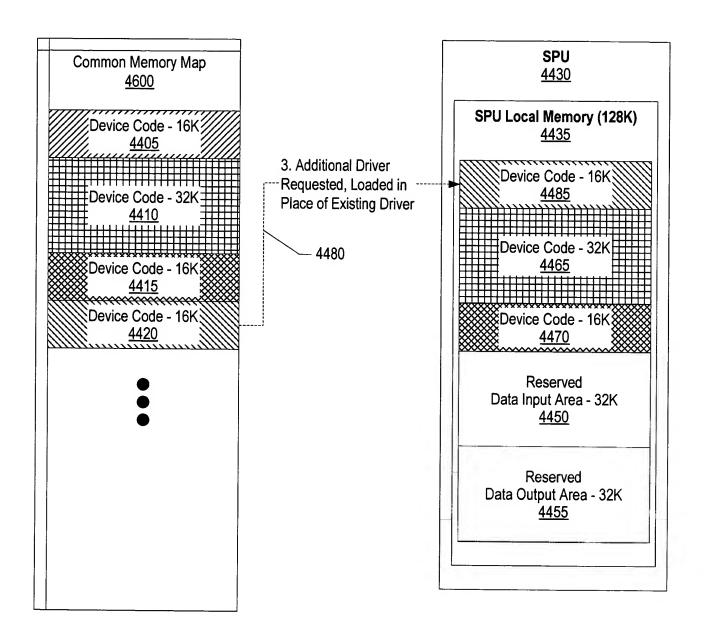
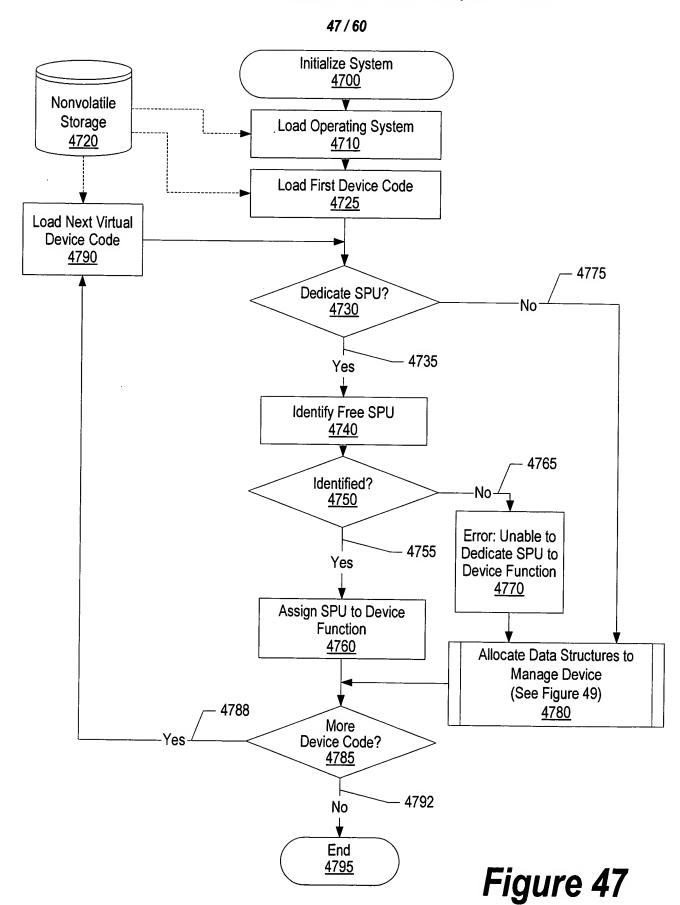


Figure 46

Fil: 3056.VSD

D cket No. AUS920030704US1
Aguilar, et al.
Syst m and M th d f r Encrypting Data Using a Plurality of Pr c ssors



D cket No. AUS920030704US1 Aguilar, t al.

Syst m and M th d for Encrypting Data Using a Plurality of Pr cess rs

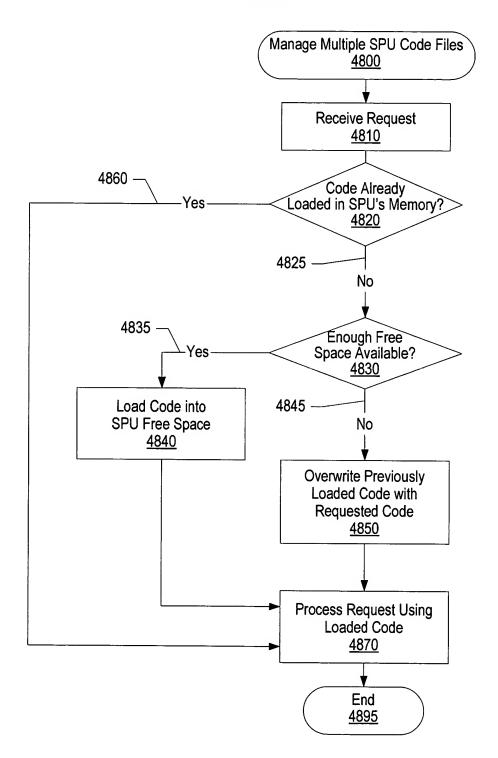


Figure 48

Fil: 3056, VSD

Docket No. AUS920030704US1 Aguilar, tal. Syst m and Meth d for Encrypting Data Using a Plurality f Proc ss rs

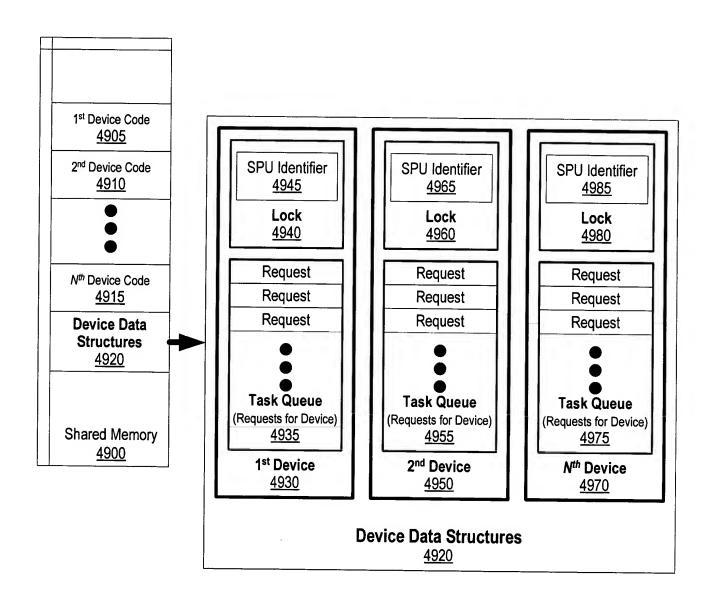
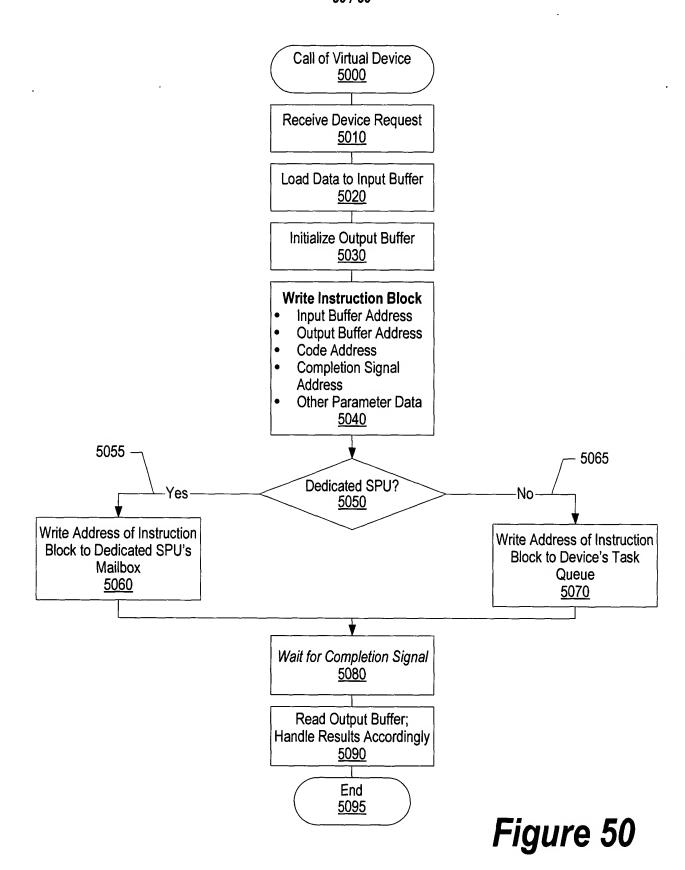
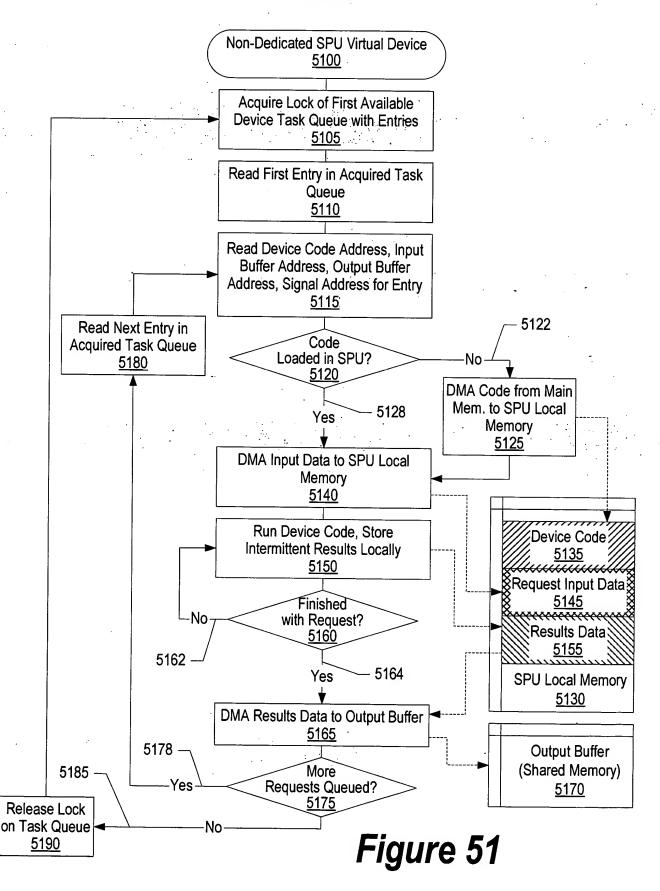


Figure 49

D cket No. AUS920030704US1 Aguilar, et al. System and Method for Encrypting Data Using a Plurality of Pr cessors

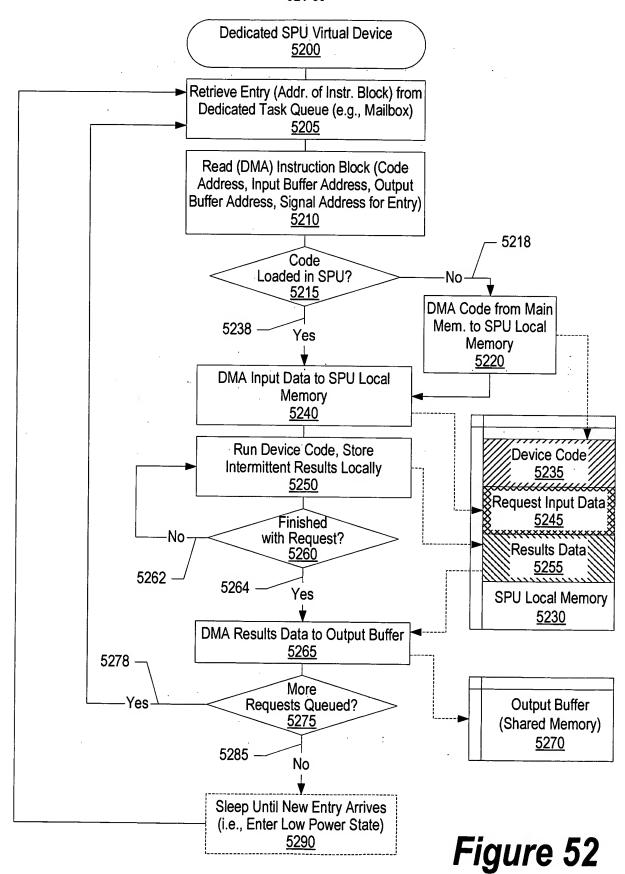


Docket No. AUS920030704US1
Aguilar, tal.
System and M th d for Encrypting Data Using a Plurality f Pr c ssors

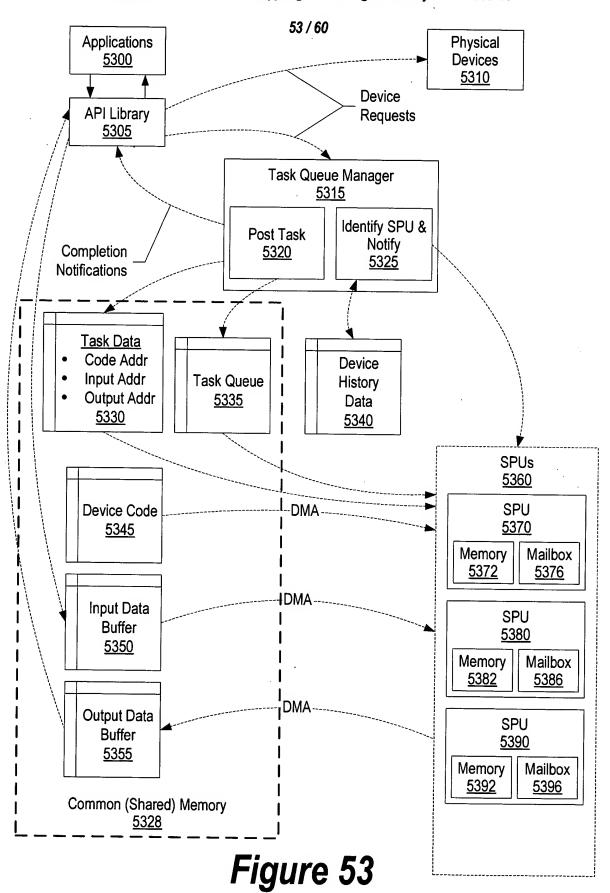


Docket No. AUS920030704US1
Aguilar, et al.
System and M th d f r Encrypting Data Using a Plurality of Pr c ssors



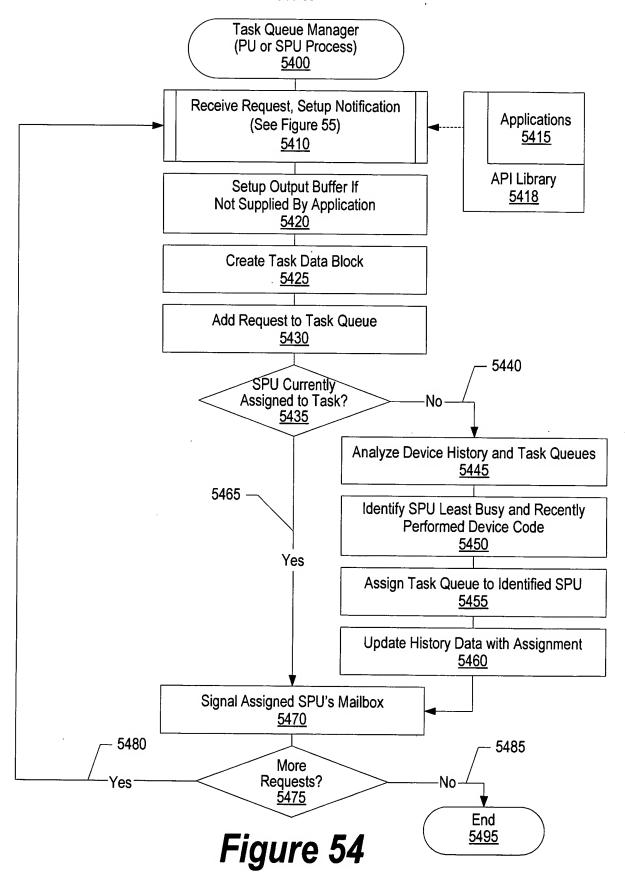


Dock t No. AUS920030704US1
Aguilar, et al.
System and Meth df r Encrypting Data Using a Plurality of Pr cess rs



D cket No. AUS920030704US1 Aguilar, et al. System and Meth d f r Encrypting Data Using a Plurality of Pr c ssors





Dock t No. AUS920030704US1 Aguilar, et al. System and M th d f r Encrypting Data Using a Plurality f Pr c ssors

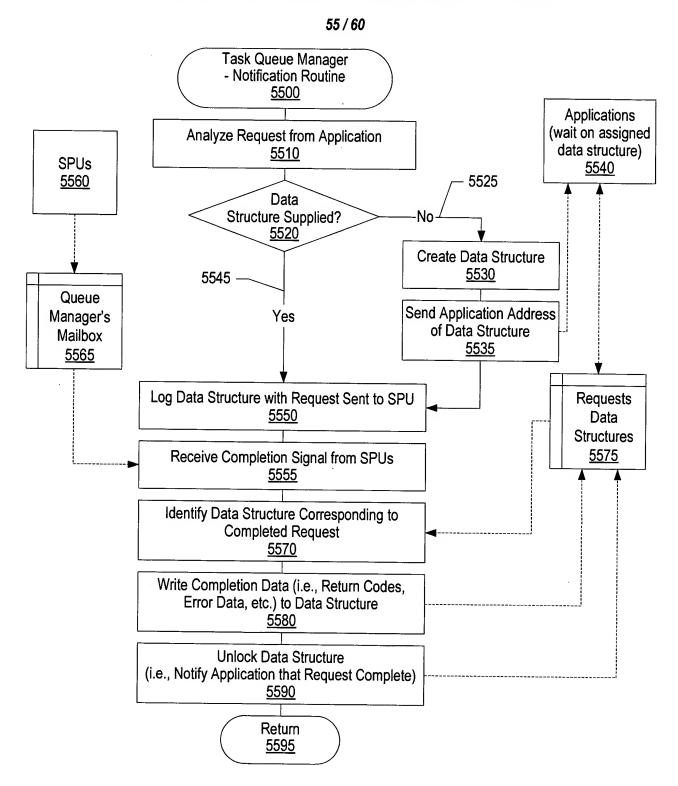
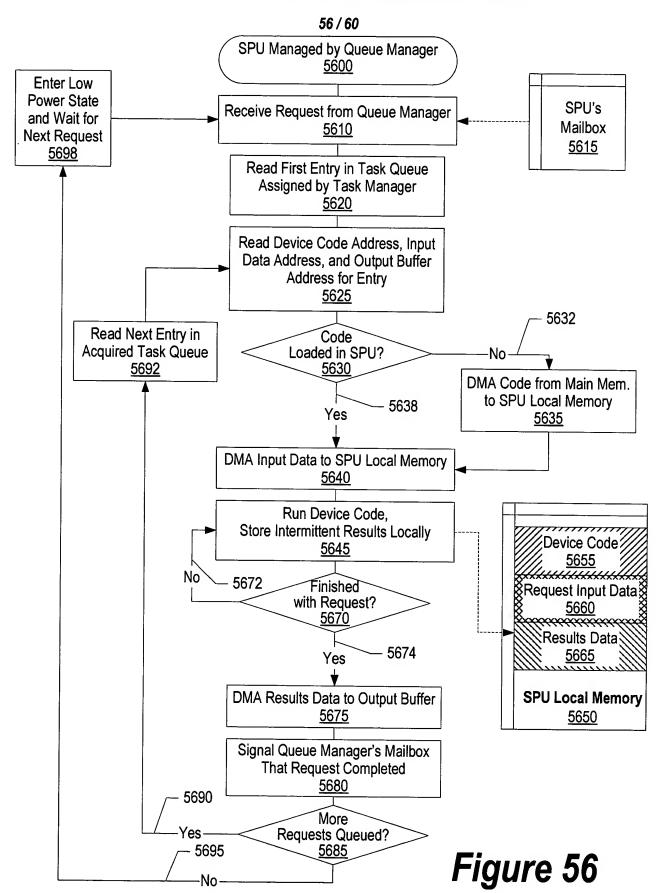
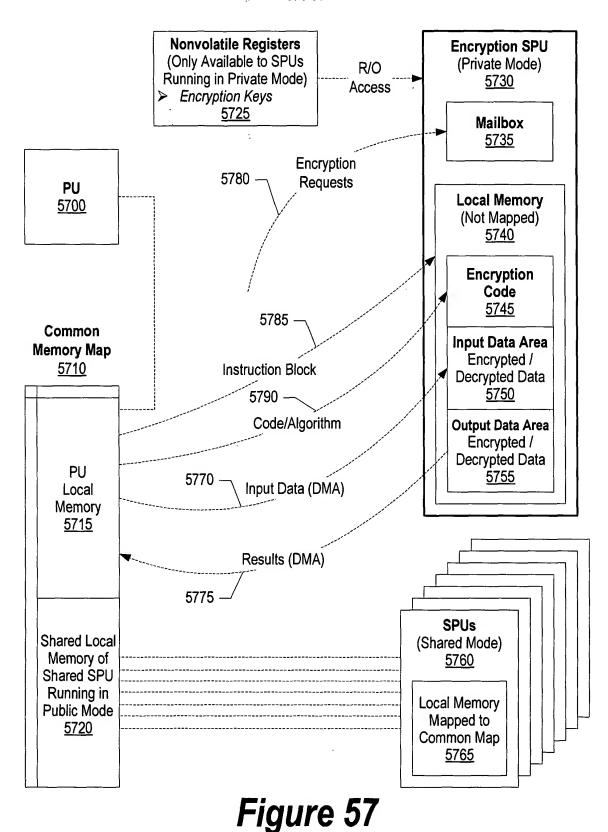


Figure 55

Dock t No. AUS920030704US1
Aguilar, et al.
System and M th d for Encrypting Data Using a Plurality of Proc ssors



D cket No. AUS920030704US1 Aguilar, t al. System and Meth d for Encrypting Data Using a Plurality f Processors



Dock t No. AUS920030704US1
Aguilar, t al.
System and M th d f r Encrypting Data Using a Plurality of Proc ss rs

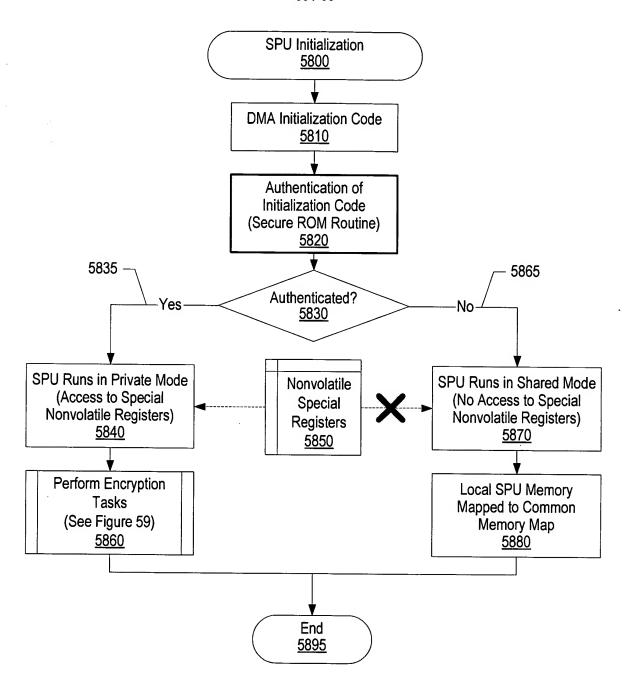
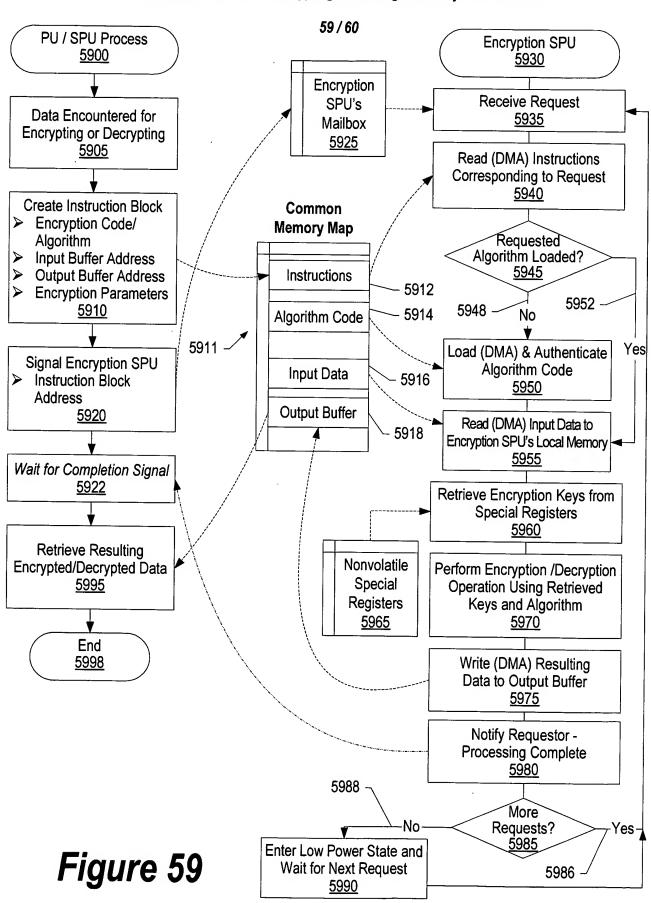


Figure 58

Fil: 3056.VSD

Docket N . AUS920030704US1
Aguilar, tal.
System and Meth d f r Encrypting Data Using a Plurality f Pr c ssors



Docket No. AUS920030704US1 Aguilar, t al. System and Method for Encrypting Data Using a Plurality of Processors

60 / 60 PU SPC SPC SPC SPU SPU SPU 6045 6065 <u>6085</u> <u>6010</u> 6050 <u>6070</u> <u>6090</u> Local Local Local MMU MMU MMU Storage Storage Storage <u>6055</u> <u>6075</u> 6095 6059 6079 6099 L2 Cache <u>6015</u> System Memory **Broadband Engine Bus** 6020 <u>6017</u> OS 6025 Application 6030 Mapped Memory <u>6035</u> Mapped Memory 6040 Mapped Memory 6042

Figure 60

Processor Element 6005